



# The Indianapolis Radio Club Newsletter

Founded 1914

*"The oldest continuously operating Amateur Radio Club in the United States"*

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## October 2013 Newsletter

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### Next Meeting:

November 8: Topic TBA

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### Highlights from the October Meeting:

Club president Dave Spoelstra, N9KT, called the meeting to order at 7:32. There were just under 60 in attendance, including three new members, one of which wasn't licensed yet. It was announced that Sherri, WW5T, has volunteered to be the greeter at meetings.

Dave asked for any technical questions from the floor. Bob, W9PSE, asked if anyone had a PalStar autotuner. He had an operational question about one. It was suggested that he contact Mark, WB9CIF.

Announcements from the floor: Jay Wright, KK9L, announced that Hendricks County classes will be starting in January and running for 9 weekly meetings. Tom, W9CXI, reminded folks of a new 6 meter net meeting on Thursday nights at 7:00 pm on the 52.7 MHz IPL repeater. Saturday, October 26<sup>th</sup> there will be a Fox Hunt at Garfield Park starting at 7:00 pm. Anyone with Indianapolis Radio Club Amateur of the Year or Technical Excellence award nominations need to email them to Dave Miller, K9RTT.

Next, Bill, K9YDO, gave a short presentation on Project Lifesaver. There are currently around 1200 agencies in US, Canada, and Australia that use this to track Alzheimer or Autism patients that become lost. Have been located within 30 minutes 95% of the time. Bill is in a group in Fishers that does aerial searches via helicopter, and then they can

coordinate with ground based searchers to find the person. The system works in the 220 MHz band, and the transmitter that the person wears is basically the size of a wrist watch. Bill demonstrated the system. Several area Fire Departments are primary agencies of the system.

Next, Bob Bouterse, WD8RDE, gave his Software Defined Radio presentation. Bob had lots of very good technical information and tips. He said the RTL2832U chip has been used in Europe for TV reception. It was discovered that this chip can be modified to be used on a USB circuit. The one he bought was a Mini DVBT unit from Amazon. He noticed that they run very hot. The bandwidth of the SDR he bought is 24 MHz to 1766 MHz, with up to a 3.2 MHz bandwidth. In order to use it on HF frequencies, an up-converter was needed to convert to above 24 MHz. To get it all going, he Googled SDR RTL, it went to the OsmoSDR site. This is all Linux based. He showed several screen shots of software that will operate with the SDR. Google "Windows RTL SDR". OsmoSDR rtl-sdr. Gnuradio is a software development toolkit that provides signal processing blocks to implement software radios. In other words, it can enable lots of radio functions. He strongly recommends using Linux rather than Windows due to the fact that Linux is a lot more flexible, and there are no Windows drivers to be loaded.

Finally, door prizes were drawn, and the meeting was adjourned at 9:05.

## **Ham Radio News:**

### **GET YOUR TICKETS FOR THE CHRISTMAS DINNER NOW!**

Friday, December 13 will be the annual Indianapolis Radio Club Christmas Dinner and Awards Presentations. This will also be the kick off of the 100th anniversary of the Club. The Banquet will be held at the Primo Banquet Center at 2615 National Avenue in the Beech Grove area, south of I-65 at the Keystone exit. The banquet will begin at 6:30 pm, and there's plenty of free parking. Dinner will cost \$12 for Indianapolis Radio Club members and \$22 for non-members, and is all you can eat. We need to get an accurate count to Primo by November 15, so contact the club's treasurer, Rhonda, WS9H at [ws9h.indy@gmail.com](mailto:ws9h.indy@gmail.com), to get your tickets reserved. If you plan to attend, but don't want to pre-pay, tickets will be \$25 at the door, but we still need to get your reservation by November 15.

The menu will be all you can eat Sliced Turkey Breast, Honey Baked Ham, Au Gratin Potatoes, Vegetable Medley, Tossed Green Salad, and Cole Slaw.

The program will start at approximately 8:00, and is going to be presented by Mr. Alan Teller from Kokomo about Gliders used in the Europe front during World War II.

## **K3FN QSL SERVICE COMING**

On November 1, 2013 the K3FN Custom QSL service will be launched. The service will be a custom and personalized effort. Three categories of service will be offered, as listed below.

The objective of categories 1&2 is to minimize the time required to return your QSL to you.

### **CATEGORY 1-BEST SERVICE-----\$5.00 PER CARD**

Your card will be mailed directly to the needed station or manager immediately upon receipt from you. Subsequently, when the reply is received, it will be sent to you via air mail to your mailing address on a next day basis.

### **CATEGORY 2-BETTER SERVICE-----\$3.00 PER CARD**

Your card will be mailed to the bureau and or manager via AIR on a monthly basis. When your reply is received, it will be mailed directly to you at the end of the month in which it is received.

### **CATEGORY 3-BASIC SERVICE-----\$1.00 PER CARD**

Your card will be mailed in a bulk shipment to managers, dx stations ,etc., as time permits.

When your reply is received it will be sent to you via your bureau stateside or overseas.

THESE RATES ARE DEPENDENT UPON THE CURRENT INTERNATIONAL POSTAL RATES AND WILL VARY AS THESE RATES ARE CHANGED.

MAIL TO CERTAIN AREAS SHOULD BE SENT REGISTERED.

THIS IS AT YOUR DISCRETION AND FEES WILL BE EXTRA.

CERTAIN COUNTRIES DO NOT HAVE QSL BUREAUS. CHECK IARU HOME PAGE. FOR THESE COUNTRIES ONLY OPTION 1 THE BEST SERVICE SHOULD BE USED. PAYMENT IS VIA CHECK MADE OUT IN US DOLLARS; MONEY ORDERS or CASH. USE PAYPAL AS A LAST RESORT (k3fn@aol.com)

Business address: MAKE CHECKS PAYABLE TO:

JAMES E.MACKEY JAMES E MACKEY

P.O. BOX 270569

WEST HARTFORD, CT 06127-0569

## **YAESU INTRODUCES A NEW DIGITAL VOICE SYSTEM**

Yaesu's complete System Fusion C4FM / FDMA Amateur Radio Digital Communication System was introducing to North America ham radio operators at the 32nd Annual ARRL and TAPR Digital Communications Conference in Seattle, Washington. Yaesu's FT 1DR

Handheld and FTM 400DR mobile digital and analog dual band transceivers, already available, were discussed as well as a new key system components, the new DR-1 Dual Mode Repeater.

## **FCC DISMISSES "ENCRYPTION" PETITION**

The FCC has dismissed a Petition for Rulemaking (RM-11699) from a Massachusetts ham, that sought to amend the Part 97 Amateur Service rules to permit the encryption of certain amateur communications during emergency operations or related training exercises. The FCC put the petition filed by Don Rolph, AB1PH, of East Walpole on public notice in June. Rolph requested an additional exception to Â§97.113, which currently prohibits "messages encoded for the purpose of obscuring their meaning," but the FCC said in a September 18 Order that it's not persuaded his petition provides sufficient reasons to support the change.

The September 18 Order can be found in PDF format on the web at, [http://transition.fcc.gov/Daily\\_Releases/Daily\\_Business/2013/db0918/DA-13-1918A1.pdf](http://transition.fcc.gov/Daily_Releases/Daily_Business/2013/db0918/DA-13-1918A1.pdf).

## **FCC NIXES PETITION TO EXPAND TECH 10 METER PRIVILEGES**

The FCC has dismissed a Petition for Rule Making that sought to expand Technician privileges in the 10 meter band. The Toledo Mobile Radio Association (TMRA) had asked the Commission last June to expand the spectrum available to Technician licensees on 10 meters to include operating privileges in the FM portion of the band, from 29.520 to 29.700 MHz. Novice and Technician licensees now may operate on 10 meters from 28.000 to 28.500 MHz.

## **EQUIPMENT FOR SALE**

Icom 7600 as new all accessory's and boxes. \$2975.00

E-Mail [rudellw@centurylink.net](mailto:rudellw@centurylink.net) or call 317-535-1030

Thank you,

Rudy KN9C

## **FEEL FREE TO SHARE OUR NEWSLETTER**

If you belong to any other radio groups, please feel free to share our newsletter with them. They can also sign up to be on our mailing list by filling out the form available at <http://www.indyradioclub.org/rqstnewsletter.htm>.

## **WELCOME NEW MEMBERS**

Dan Dreyer, N9KDF  
Bob Bouterse, WD8RDE  
Judson Kring, KC9ZGR

## **SEND ME YOUR HAM RADIO NEWS**

If anyone has any items for the newsletter, please send them to Ken Bandy at [kj9b@arrl.net](mailto:kj9b@arrl.net)

## **Signals from the Past:**

### **From the October, 1977 *Amachewer*:**

The club started the fall season September 9<sup>th</sup> by attending the field trip to WTTV, Channel 4 when 25 members and guests were conducted thru the facilities under the able guidance of our host, Paul Bohrer, W9DUU. This facility prepares the programs and sends the signal by microwave to the actual transmitter located near Trafalgar, some 35 miles to the south. Programs begin live or are edited on magnetic tape or prepared from 16mm movie film or still transparencies. The day's program is fed into a computer which mainly switches the various projectors and information sources on and off.

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## **Upcoming Area Radio Events:**

- November 16 – 17: Fort Wayne Hamfest Go to <http://www.acarts.com/hfmain.htm> for more information
- November 30: Evansville hamfest. More info at <http://w9ear.org/hamfest.htm>

## 2013 Officers:

- President: Dave Spoelstra, N9KT – EMAIL [n9kt@arrl.net](mailto:n9kt@arrl.net)
- Vice Pres.: Dave Miller, K9RTT - ..EMAIL [dmiller@ivytech.edu](mailto:dmiller@ivytech.edu)
- Secretary: Ken Bandy, KJ9B - ..EMAIL [kj9b@arrl.net](mailto:kj9b@arrl.net)
- Treasurer: Rhonda Curtis, WS9H - ..EMAIL [ws9h.indy@gmail.com](mailto:ws9h.indy@gmail.com)
- Chief Operator: Tom Chance, K9XV - ..EMAIL [k9xv@arrl.net](mailto:k9xv@arrl.net)
- Dir. at large: Jim Rinehart, K9RU – EMAIL [k9ru@arrl.net](mailto:k9ru@arrl.net)
- Dir. at large: Jerry Skoll, KC9DTB - ..EMAIL [gskoll@msn.com](mailto:gskoll@msn.com)
- Dir. at large: Bob Osterhous - ..EMAIL [rosterhous@iquest.net](mailto:rosterhous@iquest.net)
- W9JP Trustee: Don Hemenover, N9DOO – EMAIL [don9doo@lightbound.com](mailto:don9doo@lightbound.com)